

Title (en)
Apparatus and method for manufacturing tempered glass

Title (de)
Vorrichtung und Verfahren zur Herstellung von gehärtetem Glas

Title (fr)
Appareil et procédé de fabrication de verre trempé

Publication
EP 2471758 A1 20120704 (EN)

Application
EP 11195879 A 20111228

Priority
KR 20100139258 A 20101230

Abstract (en)
An apparatus for manufacturing tempered glass. A transportation unit transports a glass substrate that is intended to be tempered. An ionizer ionizes alkali oxides in the glass substrate by radiating energy onto the glass substrate. A dielectric heating unit increases the temperature of the inner portion of the glass substrate in which the alkali oxides are ionized by the ionizer.

IPC 8 full level
C03B 27/044 (2006.01); **C03B 27/04** (2006.01); **C03B 29/08** (2006.01); **C03B 29/12** (2006.01); **C03B 35/24** (2006.01); **C03C 23/00** (2006.01)

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Citation (search report)

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Designated contracting state (EPC)
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BA ME

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